

NOTES ON NEW AND NOTEWORTHY PLANTS. LVI

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*AEGIPHILA BOGOTENSIS* f. *TERNATA* Moldenke, f. nov.

Haec forma a forma typica speciei foliis ternatis differt.

This form differs from the typical form of the species in having its leaves regularly ternate.

The type of the form was collected by Friedrich Carl Lehmann (B.T. 690) somewhere in Colombia, and is deposited in the Britton Herbarium at the New York Botanical Garden. Previously this collection was misidentified as *A. ternifolia* (H.B.K.) Moldenke and was so cited by me in previous publications. My friend and colleague, Dr. López-Palacios, will write further about this matter in a publication now in preparation by him.

*KALAHARIA UNCINATA* var. *PARVIFLORA* (Schinz) Moldenke, comb. nov.

*Clerodendron spinescens* var. *parviflora* (Schinz) Gürke in Engl., Bot. Jahrb. 18: 181. 1893.

*LANTANA MINASENSIS* var. *PUEERULENTA* Moldenke, var. nov.

Haec varietas a forma typica speciei foliis subtus pilis valde brevioribus.

This variety differs from the typical form of the species in having the pubescence on the lower leaf-surfaces much shorter, only puberulent, and visible only under a handlens; tiny resinous globules are scattered over the surface among the microscopic hairs.

The type of this variety was collected by W. R. Anderson, M. Stieber, and J. H. Kirkbride, Jr. (no. 37123) in cerrado near limestone boulders about 5 km. west of Cocos, at an altitude of about 530 meters, on the Planalto do Brasil, Bahia, Brazil, on March 17, 1972, and is deposited in my personal herbarium at Plainfield, New Jersey. The collectors describe the plant as a shrub, 3--4 m. tall, the corollas orange, and the fruit green, maturing blue.

*STACHYTARPHETA DIAMANTINENSIS* Moldenke, sp. nov.

Frutex, ramis ramulisque numerosis dense breviterque pubescentibus; foliis parvis oblanceolatis vel spathulatis 1--2 cm. longis 5--8 mm. latis apicem versus tridentatis utrinque dense breviterque pubescentibus; spicis terminalibus brevibus densis 2--2.5 cm. longis ca. 1.5 cm. latis per omnes partes dense pubescentibus.

Shrub, about 0.5 m. tall, much branched; branches and branchlets slender, at first densely short-pubescent, the pubescence wearing off in age; internodes much abbreviated, mostly about 1 cm. long; leaves numerous, restricted to the flowering branchlets, decussate-opposite, small, oblanceolate or spatulate, 1--2 cm.

long, 5--8 mm. wide toward the apex, cuneately attenuate to the base, sessile or obscurely short-petiolate, obtuse or bluntly acutish at the apex, mostly decidedly 3-toothed toward the apex with bluntish antrorse teeth, the smaller ones often revolute, densely short-pubescent on both surfaces with brownish hairs; veinlet reticulation rather conspicuous beneath; inflorescence spicate, terminal, sessile or subsessile, short and dense, 2--2.5 cm. long, about 1.5 cm. wide, many-flowered; bracts oblong, densely short-pubescent, equaling the calyx, subacute at the apex; calyx cylindric, about 1 cm. long, densely short-pubescent, 5-ribbed, 5-toothed at the apex with erect apiculate teeth; corolla hypocrateriform, its tube dark-blue, about 1.5 cm. long, the lobes light-blue.

The type of this species was collected by W. R. Anderson, M. Stieber, and J. H. Kirkbride, Jr. (no. 35436) near a stream about 5 km. southwest of Diamantina, Município of Diamantina, at km. 350 on M. G. 259, in the Serro do Espinhaço, on the Planalto do Brasil, Minas Gerais, Brazil, on February 5, 1972, in an area of gently sloping open hillsides with sandy soil and sandstone boulders, mostly wet with seeping water, and a rocky area at the base of the hills, altitude 1300 meters, and is deposited in my personal herbarium at Plainfield, New Jersey.

STACHYTARPHETA LACUNOSA var. ANGUSTIFOLIA Moldenke, var. nov.

Haec varietas a forma typica speciei laminis foliorum ellipticis vel suboblanceolatis angustioribus 1--2.3 cm. latis recedit.

This variety differs from the typical form of the species in having its leaf-blades elliptic or almost oblanceolate, narrower, regularly 1--2.3 cm. wide, densely pubescent on the lower surface, more lightly so on the upper surface.

The type of the variety was collected by Gert Hatschbach (no. 30115) on Pico Itambé, Município São Antonio de Itambé, Minas Gerais, Brazil, at 1800 meters altitude, on August 9, 1972, and is deposited in my personal herbarium at Plainfield, New Jersey. The collector describes the plant as a shrub 1.5 m. tall, with blue flowers, and found it growing on "matinha beira campo".

STACHYTARPHETA LACUNOSA var. CORDIFOLIA Moldenke, var. nov.

Haec varietas a forma typica speciei laminis foliorum ad basin cordatis differt.

This variety differs from the typical form of the species in having its leaf-blades cordate at the base.

The type of the variety was collected by H. S. Irwin, R. Reis dos Santos, R. Souza, and S. D. de FONSECA (no. 23029) in an area of outcrops and steep rocky slopes with cerrado, at 1100 m. altitude, about 30 km. northeast of Francisco Sá, on the road to Salinas, in the Serra do Espinhaço, on the Planalto do Brasil, Minas Gerais, Brazil, on February 10, 1969, and is deposited in the Britton Herbarium at the New York Botanical Garden. The collectors describe the plant as a brittle subshrub to about 1 m.

tall, the corollas being dark metallic-blue.

*STACHYTARPHETA LACUNOSA* var. *OVATIFOLIA* Moldenke, var. nov.

Haec varietas a forma typica speciei laminis foliorum ovalibus vel ovatis recedit.

This variety differs from the typical form of the species in having its leaf-blades definitely oval or ovate in outline and not cuneately attenuate at the base.

The type of the variety was collected by H. S. Irwin, R. Reis dos Santos, R. Souza, and S. F. da Fonsêca (no. 23871) on cerrado slopes at 950 m. altitude about 48 km. west of Montes Claros on the road to Agua Boa, in the Serra do Espinhaço, on the Planalto do Brasil, Minas Gerais, Brazil, on February 25, 1969, and is deposited in my personal herbarium at Plainfield, New Jersey. The collectors describe the plant as a subshrub about 1.5 m. tall, the corollas metallic-blue.

*STACHYTARPHETA MATOGROSSENSIS* Moldenke, sp. nov.

Herba erecta 50 cm. alta, caulibus glabris nitidis nigrescentibus, foliis oppositis oblanceolatis 4-6 cm. longis 1.5-2 cm. latis utrinque glabris nigrescentibusque, ad apicem acutis vel rotundatis, sessilibus basin versus late attenuatis, margine supra mediam argute serratis, spicis pergracilibus usque ad 40 cm. longis per omnes partes glabris nitidisque nigrescentibusque.

Erect herb, about 50 cm. tall, apparently sparsely branched; stems and branches subtetragonal, completely glabrous, very shiny, blackening in drying; principal internodes 3.5-5 cm. long; leaves decussate-opposite, blackening in drying, thin-chartaceous, oblanceolate, 4-6 cm. long, 1.5-2 cm. wide, widest above the middle, sessile, acute or rounded at the apex, broadly attenuate to the subamplexicaul base, more or less sharply and antrorsely serrate from about the middle to the apex; inflorescence spicate, terminal and terminating a pair of terminal branches, to 40 cm. long, very slender, rather densely many-flowered, not over 1 cm. wide during anthesis, 3 mm. wide before and after anthesis, completely glabrous in all its parts; peduncles resembling the branches and stems, about 6 cm. long, glabrous, nigrescent, shiny; rachis similar to the peduncles in all respects; bractlets lanceolate, about 1 cm. long, aristate-attenuate at the apex, completely glabrous, shiny, nigrescent, sometimes slightly scarious-margined; calyx cylindric, 8-12 mm. long, glabrous, nigrescent; corolla hypocrateriform, violet, with a central white "eye".

The type of this species was collected by Gert Hatschbach (no. 29523) "dos lageados da base dos morros", in the Serra de Urucum, Município Corumba, Mato Grosso, Brazil, on April 15, 1972, and is deposited in my personal herbarium at Plainfield, New Jersey.

*STACHYTARPHETA VISCIDULA* var. *BREVIPILOSA* Moldenke, var. nov.

Haec varietas a forma typica speciei pilis ramulorum valde brevioribus recedit.

This variety differs from the typical form of the species in

having the pubescence on its branchlets and twigs very much shorter.

The type of the variety was collected by W. R. Anderson, M. Stieber, and J. H. Kirkbride, Jr. (no. 35918) on the eastern slopes of Pico do Itambé, at 1310 m. altitude, in an area of steep-sided grassy, shrubby, or wooded slopes with sandstone outcrops, sloping down to a deep shaded box-canyon with vertical walls and subterranean drainage, in the Serra do Espinhaço, on the Planalto do Brasil, Minas Gerais, Brazil, on February 13, 1972, and is deposited in my personal herbarium at Plainfield, New Jersey. The collectors describe the plant as a shrub, 0.5 m. tall, with bluish-purple corollas.

*SYNGONANTHUS NITENS* var. *VIVIPARUS* Moldenke, var. nov.

Haec varietas a forma typica speciei recedit pedunculis 5--15 cm. longis, laminis ca. 1 cm. longis, et capitulis saepe viviparis.

This variety differs from the typical form of the species in its much smaller stature, the leaves only about 1 cm. in length, the peduncles 5--15 cm. long, and the flower-heads often conspicuously viviparous with the involucral bractlets becoming leaf-like and 1--8 one-pedunculate plants 2--3 cm. tall developing per head.

The type of this variety was collected by H. S. Irwin, R. M. Harley, and G. L. Smith (no. 32510) in wet ground of disturbed woodland on sand with outcrops, at about 1100 m. altitude, Rio Ferro Doido, about 18 km. east of Morro do Chapéu, Serra do Tombador, on the Planalto do Brasil, Bahia, Brazil, on February 18, 1971, and is deposited in my personal herbarium at Plainfield, New Jersey. The collectors describe the plant as a "Rosette herb, the heads to ca. 7 cm high, light gray".

*SYNGONANTHUS PROLIFER* var. *PARVUS* Moldenke, var. nov.

Haec varietas a forma typica speciei foliis 2 cm. longis et pedunculis 7--11 cm. longis recedit.

This variety differs from the typical form of the species in its much smaller habit, the leaves being only to about 2 cm. long and the peduncles only 7--11 cm. long.

The type of the variety was collected by J. B. Silva (no. 595) at Lagoinha, altitude 1350 m., Município Diamantina, Minas Gerais, Brazil, on April 13, 1972, and is deposited in my personal herbarium at Plainfield, New Jersey. The collector describes the plant as an herb 10 cm. tall, with white flower-heads, and found it to be very frequent on sandstone outcrops.

*SYNGONANTHUS ULEI* var. *GOYAZENSIS* Moldenke, var. nov.

Haec varietas a forma typica speciei foliis non rosulatis paucioribus vaginis usque ad 2 cm. longis et laminis non gibbosis recedit.

This variety differs from the typical form of the species in its leaves being less numerous, not densely rosulate nor appressed

to the ground, the sheaths to 2 cm. long, with the free blade at their apex not at all ampliate-gibbous at the base, and the peduncles 4--9 [mostly 6] cm. long.

The type of this variety was collected by H. S. Irwin, R. M. Harley, and G. L. Smith (no. 32664) in white sand of disturbed gallery margin in a region of gallery forest and adjacent wet campo (brejo), at an altitude of about 1250 m., about 20 km. north of Alto do Paraíso, Chapada dos Veadeiros, on the Planalto do Brasil, Goiás, Brazil, on March 19, 1971, and is deposited in my personal herbarium at Plainfield, New Jersey. The collectors refer to the plant as a "Rosette herb, the inflorescences to ca. 6 cm tall. Heads white."

*SYNGONANTHUS WEDDELLII* var. *GRACILIS* Moldenke, var. nov.

Haec varietas a forma typica speciei foliis gracilioribus usque ad 3 cm. longis perspicue longiterque villosis et capitulis nigrescentibus recedit.

This variety differs from the typical form of the species in its leaves being longer and more slender, to 3 cm. long, long-attenuate to the sharply aristate apex, very conspicuously long-villous with wide-spreading, irregular, whitish hairs on all but the oldest ones, and the mature fruiting-heads blackish.

The type of this variety was collected by H. S. Irwin, W. R. Anderson, M. Stieber, and E. Y.-T. Lee (no. 34259) on rocky slopes, Serra dos Pireneus, at an altitude of 1000 m., about 18 km. east of Pirenópolis, on the Planalto do Brasil, Goiás, Brazil, on January 15, 1972, and is deposited in my personal herbarium at Plainfield, New Jersey. The collectors note that most of the plants at this locality were in an immature stage and that it was common in a sedge meadow at the type locality.

*SYNGONANTHUS XERANTHEMOIDES* var. *STRIGILLOSUS* Moldenke, var. nov.

Haec varietas a forma typica speciei vaginis pedunculisque dense albido-strigillosis et bracteis involucralibus fusco-brunneis recedit.

This variety differs from the typical form of the species in having the sheaths very densely and conspicuously white-strigillose with closely appressed plainly antrorse hairs from base to apex, the peduncles also appressed-strigillose but somewhat less densely so, less conspicuously (except under a handlens) and less regularly antrorsely appressed, and the involucral bractlets dark-brownish or castaneous in color.

The type of this variety was collected by J. B. Silva (no. 578) at Serra Negra, Município Itamarandiba, at an altitude of 1300 meters, Minas Gerais, Brazil, on April 11, 1972, and is deposited in my personal herbarium at Plainfield, New Jersey. The collector describes the plant as "lenhosa, cespitosa, pedúnculos até 40 cm., caule subterrâneo alaranjados, muito frequente".